

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Robert DWILINSKI et al.

Serial No.: To be assigned

Filing Date: Concurrently herewith

For: PROCESS FOR OBTAINING BULK  
MONO-CRYSTALLINE GALLIUM-  
CONTAINING NITRIDE

Examiner: Not Yet Assigned  
Group Art Unit: Not Yet Assigned

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of the documents are submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted with the application; accordingly, no fee or separate requirements are required.

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

10/537804

New application

2

Atty. Docket No.: 204552035400

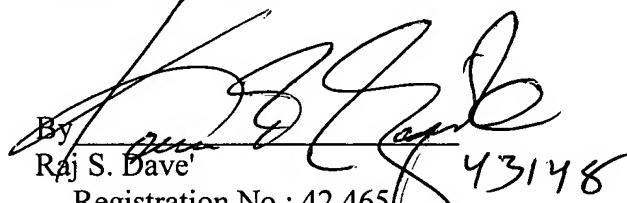
JC17 Rec'd PCT/PTO 07 JUN 2005

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 204552035400.

Dated: June 7, 2005

Respectfully submitted,

  
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Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	To be assigned <i>101537804</i>
				Filing Date	Concurrently herewith
				First Named Inventor	Robert DWILINSKI
				Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
Sheet	1	of	1	Attorney Docket Number	204552035400

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
1.		6,177,057-B1	1-23-2001	Purdy	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
2.		JP-10-7496	1-13-1998		abstract
3.		WO-98/55671-A1	12-10-1998		✓
4.		GB-2326160-A	12-16-1998		✓
5.		FR-2796657-A	1-26-2001		✓
6.		WO-02/101120-A	12-19-2002		✓

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
7.		Douglas R. Ketchum et al. (2001) "Crystal Growth of Gallium Nitride in Supercritical Ammonia," Journal of Crystal Growth 222, pp. 431-434			
8.		R. Dwiliski et al. (1998) "AMMONO Method of BN, AlN and GaN Synthesis and Crystal Growth," MRS Internet J. Nitride Semiconductor Res. 3(25), 4 pages			
9.		Masaichi Yano et al. (1999) "Control of Nucleation Site and Growth Orientation of Bulk GaN Crystals," Jpn. J. Appl. Phys. 38, pp. L1121-L1123			

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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